

**OPERATION AND MAINTENANCE PLAN
WATER AND SEDIMENT CONTROL BASIN
CODE 638**

Landowner/Operator _____

Job Location _____

Prepared By _____ Date _____

OPERATION AND MAINTENANCE ITEMS

A properly operated and maintained Water and Sediment Control Basin is an asset to your farm. This structure was designed and installed to trap sediment and provide storage to runoff water for beneficial use. The estimated life span of this installation is at least 10 years. The life of this installation can be assured and usually increased by developing and carrying out an effective operation and maintenance program. An effective operation and maintenance program includes:

- ☐ Periodically inspect the spillways and control gates for proper functioning including their ability to maintain the water level to design elevations. Remove any blockage or obstructions in spillways.
- ☐ Settlement or cracks in earthen sections must be investigated (to determine the cause) and repaired.
- ☐ Inspect concrete for accelerated weathering, spalling, settlement, misalignment or cracks. Repair defects.
- ☐ Remove debris that may accumulate at the Water and Sediment Control Basin and/or immediately upstream or downstream from the Basin.
- ☐ Make sure all structure drains are functional and soil is not being transported through the drainage system. Screens and/or rodent guards must be maintained and in place.
- ☐ Maintain vigorous growth of desirable vegetation. This includes reseeding, fertilization, and application of herbicides when necessary. Periodic mowing or short term grazing may also be needed to control height.
- ☐ Maintain installed fences to prevent unauthorized human or livestock entry.
- ☐ Repair any vandalism, vehicular, or livestock damage.
- ☐ Remove rodents or burrowing animals that have or may damage the structure. Repair any damage caused by their activity.

Other _____
